

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ENGLISH LANGUAGE DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor /the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled

**PREPARATION OF CONJUGATED DIENE POLYMERS BY USING AN
IRON-BASED CATALYST SYSTEM**

the specification of which

 X is attached hereto.

 was filed on as Application Serial No. and was amended on .

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Priority Claimed

None
Number

Country

Date Filed

Yes No

English Language Declaration

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>09/172,305</u> Application Ser. No.	<u>October 14, 1998</u> Filing Date	<u>Pending</u> Status
<u>09/173,956</u> Application Ser. No.	<u>October 14, 1998</u> Filing Date	<u>Pending</u> Status
<u>09/439,861</u> Application Ser. No.	<u>November 12, 1999</u> Filing Date	<u>Pending</u> Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John H. Hornickel (Reg. No. 29,393)
John M. Vasuta (Reg. No. 38,353)
Donald J. Bobak (Reg. No. 27,182)

David G. Burleson (Reg. No. 38,090)
Arthur M. Reginelli (Reg. No. 40,139)

Send Correspondence to: John H. Hornickel - Chief I.P. Counsel
Bridgestone/Firestone, Inc.
1200 Firestone Parkway
Akron, Ohio 44317

Direct Telephone Calls to: David G. Burleson
Telephone: (330) 379-6178

English Language Declaration

Inventor:


Steven Luo

Date

Dec. 30, 1999

Residence: 915 Mull Avenue, Apt. #PH-15, Akron, Ohio 44313

Post Office Address: 915 Mull Avenue, Apt. #PH-15, Akron, Ohio 44313

Citizenship: United States of America

ASSIGNMENT

I, Steven Luo, have made an invention which now is described and claimed in an application for patent entitled PREPARATION OF CONJUGATED DIENE POLYMERS BY USING AN IRON-BASED CATALYST SYSTEM, which application

- ☒ is being executed and filed concurrently herewith.
☐ was filed on _____ and now is designated as United States patent application number _____.

NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of my employment agreement(s), advisor agreement(s), state or national statutes, common law, and administrative regulation, I hereby do make the following assignments –

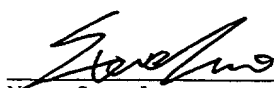
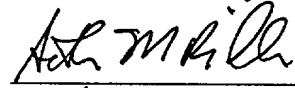
To **BRIDGESTONE CORPORATION**, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, Japan, and its successors and assigns, I hereby

- assign, transfer, and set over the full and exclusive right to the above-described invention and to the above-described application for letters patent of the United States as well as any substitute, continuation, continuation-in-part, or divisional application filed thereon and to any letters patent of the United States that issues from such application(s) as well as any reissue application or request for reexamination filed on such letters patent;
 - covenant and agree for myself and my legal representative(s) to
 - a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent issuing therefrom, and
 - b) execute all papers related to said application for patent which said assignee or its designee(s) request to be signed,
- provided that expenses relating thereto shall be borne by said assignee; and
- authorize and request the Commissioner of Patents and Trademarks to issue any letters patent of the United States relating to the above-described invention in the name of said assignee.

To **BRIDGESTONE CORPORATION** a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, Japan, and its successors and assigns, I hereby

- assign, transfer, and set over the full and exclusive right to any application for letters patent filed in any regional or national patent office other than the United States Patent and Trademark Office;
 - covenant and agree for myself and my legal representative(s) to
 - a) assist said assignee and/or its designee(s), to the extent requested, in the prosecution of any such applications for patent or in litigation which arises out of or is based on said application(s) for patent or patent(s) issuing therefrom, and
 - b) execute all papers related to said application(s) for patent which said assignee or its designee(s) request to be signed,
- provided that expenses relating thereto shall be borne by said assignee.

IN WITNESS WHEREOF, I have executed this document on the date next to my name.

	<u>Dec. 30, 1999</u>		<u>12.30.99</u>
Name: Steven Luo	date	Name: ARTHUR REGINELLI (WITNESS)	date
Name: _____	date _____	Name: _____	date _____
Name: _____	date _____	Name: _____	date _____
Name: _____	date _____	Name: _____	date _____

☐ Other names included on additional sheet(s).